



HGCA

RECOMMENDED LIST

SPRING OATS 2003

	P1	C	P1	C	C		
	Emotion	Firth	Sw Argyle	Drummer	Winston	Banquo	Average LSD 5%
Scope of Recommendation	UK	UK	UK	UK	UK	UK	
UK yield as % treated control (6.81 t/ha)							
Fungicide treated	104	102	102	100	98	97	3.3
Untreated with fungicide	86	90	93	88	88	87	4.1
Grain quality							
Kernel Content (%)	74.2	76.7	73.9	73.6	76.8	73.9	
Specific weight (kg/hl)	50.6	51.8	51.4	52.6	51.7	52.1	
Sieving % through 2.0mm	2.1	2.3	3.6	2.9	2.3	1.9	
Agronomic features							
Resistance to lodging	(5)	7	(7)	5	7	7	
Straw length (cm)	112	109	114	120	108	116	
Ripening (days +/- Drummer, -ve = earlier)	0	+1	+1	0	+1	+1	
Disease resistance							
Mildew	6	8	7	6	8	8	
Crown rust	3	5	8	5	6	8	
Year first listed	03	00	03	97	99	98	

P1, P2 first and second year of recommendation

C = Yield control

() = Limited data

On the 1-9 scales high figures indicate that a variety shows the character to a high degree

Average LSD 5%. Varieties that are more than one LSD apart are significantly different at the 5% confidence level.



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SUPPLEMENTARY DATA

	P1	C	P1	C	C	
	Emotion	Firth	Sw Argyle	Drummer	Winston	Banquo
Breeder	Beno	Lpet	Sval	Lpet	Lpet	IGER
Agent	BSH	CPB	Semu	DLF	DLF	Semu
Annual yields as % treated control						
1998 treated (6.55 t/ha)	*	*	*	101	99	101
1999 treated (7.61 t/ha)	*	102	*	99	99	95
2000 treated (6.95 t/ha)	103	104	99	99	97	95
2001 treated (6.10 t/ha)	109	102	107	103	96	99
2002 treated (6.86 t/ha)	100	100	100	100	100	97
Agronomic features						
Lodging % without PGR	25	6	4	22	5	6
Lodging % with PGR	2	4	1	21	2	5

Note: The 1998 control is Drummer and Winston

All yields are taken from treated trials receiving a full fungicide and PGR programme

Key to breeder/agent codes:

Beno = Benoist, France

BSH = British Seed Houses Ltd (www.britishseedhouses.com)

CPB = CPB Twyford Ltd (www.cpb-twyford.co.uk)

DLF = DLF Perryfields (www.perryfields.co.uk)

IGER = Institute of Grassland and Environmental Research (www.iger.bbsrc.ac.uk)

Lpet = Lochow-Petkus, Germany

Semu = Semundo Ltd (www.semundo.co.uk)

Sval = Svalöf Weibull AB, Sweden